

Recombinant Human RELCH Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RELCH-2495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KIAA1468 MS Standard C13 and N15-labeled recombinant protein (NP_065905) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Regulates intracellular cholesterol distribution from recycling endosomes to the trans-Golgi network through interactions with RAB11 and OSBP. Functions in membrane tethering and promotes OSBP-mediated cholesterol transfer between RAB11-bound recycling endosomes and OSBP-bound Golgi-like membranes.
Molecular Mass	134.4 kDa
AA Sequence	MAAMAPGGSGSGGGVNPFLSDSDEDDDEVAATEERRAVLRLGAGSGLDPGSAGS LSPQDPVALGSSARPLPGEASAAVALGGTGETPARLSIDAIAAQLLRDQYLLTALE LHTELLESGRELPRLRDYFSNPGNFERQSGTPPGMGAPGVPGAAGVGGAGGREPS TASGGGQLNRAGSISTLDSLDFARYSDDGNRETDEKVAVLEFELRKAKETIQALRAN LTKAAEHEVPLQERKNYKSSPEIQEPIKPLEKRALNFLVNEFLLKNKYKLTSITFSDEN DDQDFELWDDVGLNIPKPPDLLQLYRDFGNHQVTGKDLVDVASGVEEDELEALTPII SNLPPTLETPQPAENSMLVQKLEDKISLLNSEKWSLMEQIRRLKSEMDFLKNEHFAIP AVCDSVQPPLDQLPHKDSEDSGQHPDVNSSDKGKNTDIHLSISDEADSTIPKENS PN SFPRREREGMPSSLSSKKT VHFDPNPKLSPAFHQALLSFCRMSADSRLGYEVS R

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IADSEKSVMLMLGRCLPHIVPNVLLAKREELIPLILCTACLHPEPKERDQLLHILFNLIK
 RPDDEQRQMILTGCVAFARHVGPTTRVEAELLPQCWEQINHKYPERRLVAESCGAL
 APYLPKEIRSSLVLSMLQQMLMEDKADLVREAVIKSLGIIMGYIDDPDKYHQGFELLLS
 ALGDPSESVVSATHQVFLPAYAAWTTTELGNLQSHLILTLLNKIEKLLREGEHGLDEHK
 LHMYLSALQSLIPSLFALVLQNAPFSSKAKLHGEVPQIEVTRFPRPMSPLQDVSTIIGS
 REQLAVLLQLYDYQLEQEGTTGWESLLWVWNQLLPQLIEIVGKINVTSTACVHEFSRF
 FWRLCRTFGKIFTNTKVKPQFQEILRLSEENIDSSAGNGVLTATVPPIYATGVLTCTYIQ
 EEDRKLLVGFLVDVMTLLSLSHAPLDSLKASFVELGANPAYHELLLTVLWYGVVHTS
 ALVRCTAARMFELTLRGMSEALVDKRVAPALVTLSSDPEFSVRIATIPAFGTIMETVIQ
 RELLERVKMQLASFLEDPQYQDQHSLSLHTEIIKTFGRVGPNAEPRFRDEFVIPHLHKL
 LVNNLQIVDSKRLDIATHLFEAYSALSCCFISEDLMVNHFLPGLRCLRTDMEHLSPEH
 EVILSSMIKECEQKVENKTVQEPQGSMSIAASLVSEDTKTKFLNKMGLTTSGAMLA
 NVFQRKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RELCH RAB11 binding and LisH domain, coiled-coil and HEAT repeat containing [Homo sapiens (human)]

Official Symbol RELCH

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Synonyms	RELCH; RAB11 binding and Lish domain, coiled-coil and HEAT repeat containing; HsT885; HsT3308; KIAA1468; RAB11-binding protein RELCH; RAB11-binding protein containing Lish, coiled-coil, and HEAT repeats
Gene ID	57614
mRNA Refseq	NM_020854
Protein Refseq	NP_065905
MIM	618001
UniProt ID	Q9P260
SDS-PAGE	